

HD70 | Home Theater Projector



Opening the Market to 720p Home Theater Projection

True HD Theater Now Showing In Your Home

The Optoma HD70 is a native 720p, high-definition home theater DLP® projector. By incorporating the finest HD technologies, the Optoma HD70 delivers vivid images and amazing color clarity. With outstanding functionality and value, the HD70 demonstrates the ability of delivering a brilliant projected picture without compromising performance.

F E A T U R E S

- **Native 720p** high-definition home theater projector
- Bright at **1000 lumens** with **4000:1 contrast** (with ImageAI™)
- **Native widescreen** with a **16:9 aspect ratio**
- **Single DarkChip2™** DMD DLP® technology by Texas Instruments
- **ImageAI™ technology** adjusts light intensity output to deliver remarkable contrast levels
- Whisper-quiet at **29dB** for use in any room



www.OptomaUSA.com

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SPECIFICATIONS

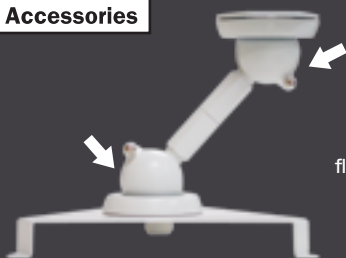
Display Technology	Single 0.62" DarkChip2™ DLP® Technology by Texas Instruments
Brightness (Typical)	1000 Lumens
Weight	5.6 lbs (2.54 kg)
Resolution	720p (1280 x 720)
Dimensions (W x H x D)	10.4" x 3.7" x 10.1" (264 x 94 x 257 mm)
Contrast Ratio	4000:1 in ImageAI™ Mode 3000:1 (Full On/Full Off)
Noise Level (STD/ECO)	30dB/29dB
Lamp Type	200W P-VIP
Lamp Life (STD/ECO)	2000/3000 Hours
Image Size (Diagonal)	33.55" to 310" (0.8 to 7.9 m)
Projection Distance	4.28' to 32.8' (1.3 to 10 m)
Computer Compatibility	SXGA+, WXGA, XGA, SVGA, VGA Compression; VESA Standards; PC and Macintosh Compatible
Video Compatibility	NTSC (M/J, 3.58/4.43 MHz), PAL (B, D, G, H, I, M, N), SECAM (B, D, G, K, L), HDTV (720p, 1080i), SDTV (480i/p, 576i)
Aspect Ratio	Native 16:9, with 4:3, LBX Support
Projection Lens	F=2.5~2.8, f=22.25~26.69mm, 1.2x Manual Zoom and Focus
Keystone Correction	Digital Horizontal and Vertical
Throw Ratio	1.58 to 1.9:1 (Distance/Width)
Vertical Refresh Rate	43 to 120 Hz
Power Supply	AC Input 100-240V, 50-60Hz
Power Consumption	275W Max.
Operating Temperature	5 to 35°C, 80% Max Humidity
Displayable Colors	16.7 Million
Projection Method	Front, Rear, Ceiling Mount, Table Top
Uniformity	95%
Security	One Kensington® Lock Port
I/O Connectors	HDMI, Component Video, VGA-In, Composite Video (RCA), S-Video, Dual IR Receivers, +12V Trigger
Standard Accessories	AC Power Cord, Composite Video Cable, Component Video Cable, S-Video Cable, Remote Control, Batteries for Remote, Lens Cap, User's Manual, Quick Start Guide and Warranty Card
Warranty	2 Years Limited Parts and Labor, 90 Days on Lamp
Optional Accessories	Bering Ceiling Mount Kit, HDMI to HDMI Cable, GrayWolf™ Series Screens, Carrying Case, Extended and Gold Service Warranty
UPC	796435 21 992 5

PROJECTION DISTANCE/IMAGE SIZE

Projection Distance (feet)	Maximum Diagonal (inches)	Minimum Diagonal (inches)
6	52	43
8	70	58
10	87	72
12	105	90
14	122	101
16	139	116
18	157	130

Optional Accessories

Bering™
Ceiling
Mount



Dual universal
joints give
precise and
flexible mounting

Now with ImageAI™



Image Artificial Intelligence
auto adjusting light intensity output

HIGH LUMENS ALONE

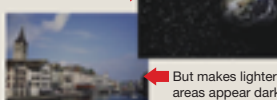
Increases clarity in
lighter areas...



But makes dark
areas washed out.

HIGH CONTRAST ALONE

Increases detail
in darker areas...



But makes lighter
areas appear dark.

ONLY ImageAI™ GIVES YOU BOTH!

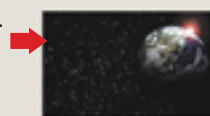
**HIGH 1000
LUMENS**

for amazing
clarity in light
image areas...

PLUS

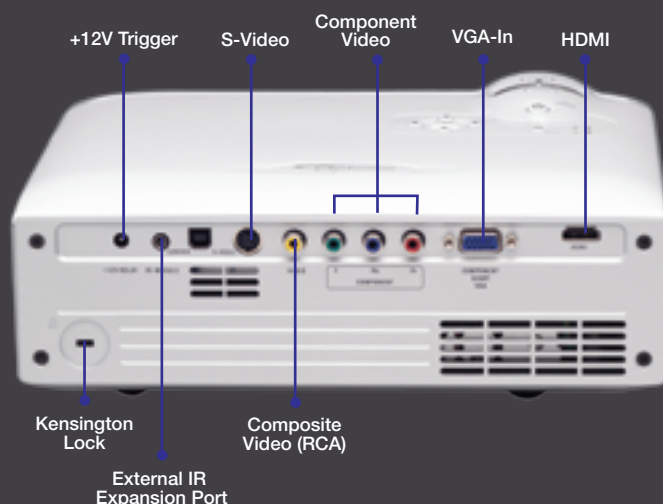
**HIGH 4000:1
CONTRAST**

for details in dark
areas and shadows



ImageAI™ = Image Artificial Intelligence,™ Optoma's
auto adjusting light intensity output, delivers an amazing
1000 lumens AND 4000:1 contrast ratio!

I/O Ports



Dimensions



Available at